Ecuador

Epidemiological Fact Sheet

on HIV/AIDS and sexually transmitted infections



2000 Update

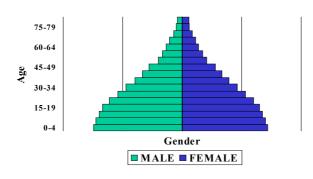






Country Information

Population pyramid, 1999



Indicators	Year	Estimate	Source
Total Population (thousands)	1999	12,411	UNPOP
Population Aged 15-49 (thousands)	1999	6,560	UNPOP
Annual Population Growth	1990-1998	2.1	UNPOP
% of Population Urbanized	1998	59	UNPOP
Average Annual Growth Rate of Urban Population	1990-1998	3.0	UNPOP
GNP Per Capita (US\$)	1997	1,570	World Bank
GNP Per Capita Average Annual Growth Rate	1996-1997	3.9	World Bank
Human Development Index Rank (HDI)	1999	72	UNDP
% Population Economic Active		44.9	ILO
Unemployment Rate	1997	9.2	ILO
Total Adult Literacy Rate	1995	90	UNESCO
Adult Male Literacy Rate	1995	92	UNESCO
Adult Female Literacy Rate	1995	88	UNESCO
Male Secondary School Enrollment Ratio	1996	9.1	UNESCO
Female Secondary School Enrollment Ratio	1996	10.2	UNESCO
Crude Birth Rate (births per 1,000 pop.)	1999	25	UNPOP
Crude Death Rate (deaths per 1,000 pop.)	1999	6	UNPOP
Maternal Mortality Rate (per 100,000 live births)	1990	150	WHO
Life Expectancy at Birth	1998	70	UNPOP
Total Fertility Rate	1998	3.1	UNPOP
Infant Mortality Rate (per 1,000 live births)	1999	44	UNICEF/UNPOP

UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance

Global Surveillance of HIV/AIDS and sexually transmitted infections (STIs) is a joint effort of WHO and UNAIDS. The UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance, initiated in November 1996, guides respective activities. The primary objective of the working group is to strengthen national, regional and global structures and networks for improved monitoring and surveillance of HIV/AIDS and STIs. For this purpose, the working group collaborates closely with national AIDS programmes and a number of national and international experts and institutions. The goal of this collaboration is to compile the best information available and to improve the quality of data needed for informed decisionmaking and planning at national, regional and global levels. The Epidemiological Fact Sheets are one of the products of this close and fruitful collaboration across the globe.

The working group and its partners have established a framework standardizing the collection of data deemed important for a thorough understanding of the current status and trends of the epidemic, as well as patterns of risk and vulnerability in the population. Within this framework, the Fact Sheets collate the most recent country-specific data on HIV/AIDS prevalence and includence, together with information on behaviours (e.g casual sex and condom use) which can spur or stem the transmission of HIV.

Not unexpectedly, information on all of the agreedupon indicators was not available for many countries in 1999. However, these updated Fact Sheets do contain a wealth of information which allows identification of strengths in currently existing programmes and comparisons between countries and regions. The Fact Sheets may also be instrumental in identifying potential partners when planning and implementing improved surveillance systems.

The fact sheets can be only as good as information made available to the UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance. Therefore, the working group would like to encourage all programme managers as well as national and international experts to communicate additional information to the working group whenever such information becomes available. The working group also welcomes any suggestions for additional indicators or information proven to be useful in national or international decision-making and planning.

Contact address:

UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance

20, Avenue Appia CH-1211 Geneva 27

Switzerland

Fax: +41 22 791 4878

email: surveillance@UNAIDS.org http://www.who.ch/emc/diseases/hiv

http://www.unaids.org

Estimated number of people living with HIV/AIDS

In 1999 and during the first quarter of 2000, UNAIDS and WHO worked closely with national governments and research institutions to recalculate current estimates on people living with HIV/AIDS. These calculations are based on the previously published estimates for 1997 and recent trends in HIV/AIDS surveillance in various populations. A methodology developed in collaboration with an international group of experts was used to calculate the new estimates on prevalence and incidence of HIV and AIDS deaths, as well as the number of children infected through mother-to-child transmission of HIV. Different approaches were used to estimate HIV prevalence in countries with low-level, concentrated or generalized epidemics. The current estimates do not claim to be an exact count of infections. Rather, they use a methodology that has thus far proved accurate in producing estimates that give a good indication of the magnitude of the epidemic in individual countries. However, these estimates are constantly being revised as countries improve their surveillance systems and collect more information.

Adults in this report are defined as women and men aged 15 to 49. This age range covers people in their most sexually active years. While the risk of HIV infection obviously continues beyond the age of 50, the vast majority of those who engage in substantial risk behaviours are likely to be infected by this age. The 15 to 49 age range was used as the denominator in calculating adult HIV prevalence.

□ Estimated number of adults and children living with HIV/AIDS, end of 1999

These estimates include all people with HIV infection, whether or not they have developed symptoms of AIDS, alive at the end of 1999:

Adults and children	19000		
Adults (15-49)	19000	Adult rate (%)	0.29
Women (15-49)	2700		
Children (0-15)	330		

□ Estimated number of deaths due to AIDS

Estimated number of adults and children who died of AIDS during 1999:

Deaths in 1999 1400

□ Estimated number of orphans

Estimated number of children who have lost their mother or both parents to AIDS (while they were under the age of 15) since the beginning of the epidemic:

Cumulative orphans 1500

Estimated number of children who have lost their mother or both parents to AIDS and who were alive and under age 15 at the end of 1999:

Current living orphans 1091

Assessment of epidemiological situation – Ecuador

HIV seroprevalence information among antenatal women is available only available from Guayaquil. In 1992, 0.3 percent of antenatal women tested were HIV positive.

HIV information among sex workers is available since 1987 from Ecuador. Sex workers were tested between 1987 and 1990 in the major urban areas of Quito and Guayaquil, but no evidence of HIV infection was found at that time. Outside of the major urban areas, HIV information is available since 1987 from St. Domingo, Esmeraldas, Quininde, and Sucombios Province. No evidence of HIV infection was found except in Esmeraldas. In 1988, 2 percent of the sex workers tested were HIV positive.

HIV sentinel surveillance

This section contains information about HIV prevalence in different populations. The data reported in the tables below are mainly based on the HIV data base maintained by the United States Bureau of the Census where data from different sources, including national reports, scientific publications and international conferences is compiled. To provide for a simple overview of the current situation and trends over time, summary data are given by population group, geographical area (Major Urban Areas versus Outside Major Urban Areas), and year of survey. Studies conducted in the same year are aggregated and the median prevalence rates (in percentages) are given for each of the categories. The maximum and minimum prevalence rates observed, as well as the total number of surveys/sentinel sites, are provided with the median, to give an overview of the diversity of HIV-prevalence results in a given population within the country. Data by sentinel site or specific study on which the medians were calculated are printed at the end of this fact sheet.

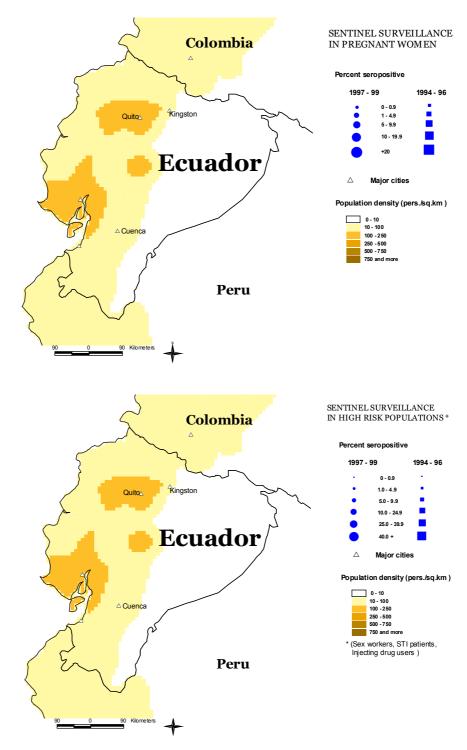
The differentiation between the two geographical areas Major Urban Areas and Outside Major Urban Areas is not based on strict criteria, such as the number of inhabitants. For most countries, Major Urban Areas were considered to be the capital city and – where applicable – other metropolitan areas with similar socio-economic patterns. The term Outside Major Urban Areas considers that most sentinel sites are not located in strictly rural areas, even if they are located in somewhat rural districts.

☐ HIV prevalence in selected populations in percent (for blood donors: 1/100 000)

Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Pregnant women	Major Urban Areas	N-sites									1							
		Minimum									0.3							
		Median									0.3							
		Maximum									0.3							
Pregnant women	Outside Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Sex workers	Major Urban Areas	N-sites					1	1	1									-
		Minimum					0	0	0									
		Median					0	0	0									
		Maximum					0	0	0									
Sex workers	Outside Major Urban Areas	N-sites				1	2					1						
		Minimum				0	0					0						
		Median				0	8.0					0						
		Maximum				0	1.6					0						
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Injecting drug users	Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Injecting drug users	Outside Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
STI patients	Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
STI patients	Outside Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Blood Donors	National	N-sites																
		Minimum																
		Median																
		Maximum																
Blood Donors	Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Men having sex with	Major Urban Areas	N-sites																
men		Minimum																
		Median																
		Maximum																

Maps of HIV sentinel sites

Mapping the geographical distribution of HIV sentinel sites for different population groups may assist interpreting both the national coverage of the HIV surveillance system and explaining differences in levels and trends of prevalence. The UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance, in collaboration with the UNICEF/WHO HealthMap Programme, has produced maps showing the location and HIV prevalence of HIV sentinel sites in relation to population density, major urban areas and communication routes. Maps illustrate separately the most recent results from HIV sentinel surveillance in pregnant women and in sub-populations at higher risk of HIV infection.



The boundaries and names shown and the designations used on these maps do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any countrelleritory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

WHO 2000, all inbits reserved.

Reported AIDS cases

AIDS cases by year of reporting

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	i otai	Unkn
0	0	0	0	0	0	0	19	22	32	27	43	55	69	90	117	69	67	128	134		872	

Date of last report: 28-02-1998

Following WHO and UNAIDS recommendations, AIDS case reporting is carried out in most countries. Data from individual AIDS cases is aggregated at the national level and sent to WHO. However, case reports come from surveillance systems of varying quality. Reporting rates vary substantially from country to country and low reporting rates are common in developing countries due to weaknesses in the health care and epidemiological systems. In addition, countries use different AIDS case definitions. A main disadvantage of AIDS case reporting is that it only provides information on transmission patterns and levels of infection approximately 5-10 years in the past, limiting its usefulness for monitoring recent HIV infections.

Despite these caveats, AIDS case reporting remains an important advocacy tool and is useful in estimating the burden of HIV-related morbidity as well as for short-term planning of health care services. AIDS case reports also provide information on the demographic and geographic characteristics of the affected population and on the relative importance of the various exposure risks. In some situations, AIDS reports can be used to estimate earlier HIV infection patterns using back-calculation. AIDS case reports and AIDS deaths have been dramatically reduced in industrialized countries with the introduction of HAART (Highly Active Anti-Retroviral Therapy).

AIDS cases by mode of transmission

Homo/Bi

Hetero: Heterosexual contacts.

Homo/Bi: Homosexual contacts between men.

IDU: Injecting drug use. This transmission category also includes cases in which other high-risk behaviours were reported, in addition to injection of drugs.

Blood: Blood and blood products.

Perinatal: Vertical transmission during pregnancy, birth or breastfeeding. NS: Not specified/unknown.

Trans. Group <96 1996 1997 1998 1999 Unkn Total All 545 100.0 478 Total 67 Hetero 157 29 186 34.1 Homo/Bi 284 35 319 58.5 IDU 0.6 Blood 0 0 0 0.0 Perinatal 6 1.1 6 0 Other Known 8 Ω 8 1.5 Unknown 20 3 23 4.2 Male Total 421 56 477 100.0 Hetero

	Blood			
	Perinatal			
	Other Known			
	Unknown			
Female	Total	65	11	76 100.0
	Hetero			
	IDU			
	Blood			
	Perinatal			
	Other Known			
	Unknown			
NS	Total	0	0	0
	Hetero			
	IDU			
	Blood			
	Perinatal			
	Other Known			
	Unknown			

Aids cases by age and sex

X	Age	<96	1996	1997	1998	1999	Unkn.	Total	%
	All								
	0-4								
	5-9								
	10-14								
	15-19								
	20-24								
	25-29								
	30-34								
	35-39								
	40-44								
	45-49								
	50-54								
	55-59								
	60+								
	NS								
)	All								
	0-4								

5-9			
10-14			
15-19			
20-24			
25-29			
30-34			
35-39			
40-44			
45-49			
50-54			
55-59			

	60+
	NS
Female	All
	0-4
	5-9
	10-14
	15-19
	20-24
	25-29
	30-34
	35-39
	40-44
	45-49
	50-54
	55-59
	60+
	NS
NS	All
	0-4
	5-9
	10-14
	15-19

20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60+ NS

Curable Sexually Transmitted Infections (STIs)

The predominant mode of transmission of both HIV and other STIs is sexual intercourse. Measures for preventing sexual transmission of HIV and STI are the same, as are the target audiences for interventions. In addition, strong evidence supports several biological mechanisms through which STI facilitate HIV transmission by increasing both HIV infectiousness and HIV susceptibility. Significant also is the observation of a sharp decline in the concentration of HIV in the genital secretions when the infection is treated. Monitoring trends in STI can provide valuable information on the sexual transmission of HIV as well as the impact of behavioural interventions, such as promotion of condom use.

Clinical services offering STI care are an important access point for people at high risk for both AIDS and STI, not only for diagnosis and treatment but also for information and education. Therefore, control and prevention of STI have been recognized as a major strategy in the prevention of HIV

 Estimated incide 	nce and prev	alence of cu	rable STIs					
		Incider	nce			Prev	alence	
STI's	Year	Male F	emale Al	l	Year	Male	Female	A
Chlamydia trach.								
Gonorrhoea								
Syphilis Trichomonas								
Comments:								
Source:								
OTI Inclidence								
STI Incidence, m	en							
Prevention Indicator 9:	Proportion of	men aged 15	5_40 years who ro	norted enice	ndes of uro	thritie in t	the last 12 m	onthe
r revention maicator 9.	i Toportion of	men aged 13	7-49 years who re	ported episo	Jues of the	umus m	1116 1031 12 1111	Onuns.
Year		Area		Age	Ra	ite	N=	
Comments:								
Sources:								
☐ STI Prevalence, v	vomon							
Prevention Indicator 8: screened with positive			men aged 15-24 y	years attend	ling antena	tal clinics	s whose blood	d has b
screened with positive	serology for sy	philis.						d has b
	serology for sy			years attend	ling antena Ra		s whose blood	d has b
screened with positive	serology for sy	philis.						d has b
screened with positive Year	serology for sy	philis.						d has b
Year Comments: Sources:	serology for sy	/philis. Area						d has b
Year Comments:	serology for sy	/philis. Area						d has b
Year Comments: Sources: Sti Case manage	serology for sy	/philis. Area elled)		Age	Ra	ite	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7:	serology for sy	/philis. Area elled)		Age	Ra	ite	N=	
Year Comments: Sources: Sti Case manage	serology for sy	/philis. Area elled)		Age	Ra	ite	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7:	ement (couns Proportion of er notification.	/philis. Area elled)	enting with STI or	Age	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partners	ement (couns Proportion of er notification.	/philis. Area elled) people prese	enting with STI or	Age for STI care	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partner Year Comments:	ement (couns Proportion of er notification.	/philis. Area elled) people prese	enting with STI or	Age for STI care	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partner Year	ement (couns Proportion of er notification.	/philis. Area elled) people prese	enting with STI or	Age for STI care	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partner Year Comments: Sources:	ement (couns Proportion of er notification.	/philis. Area elled) people prese	enting with STI or	Age for STI care	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partner Year Comments:	ement (couns Proportion of er notification.	/philis. Area elled) people prese	enting with STI or	Age for STI care	Ra	ute	N=	
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partne Year Comments: Sources:	ement (couns Proportion of er notification.	/philis. Area elled) people prese Area	enting with STI or	Age for STI care	Ra in health fa	acilities v	N= vho received N=	basic a
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partner Year Comments: Sources:	ement (couns Proportion of er notification.	/philis. Area elled) people prese Area	enting with STI or	Age for STI care	Ra in health fa	acilities v	N= vho received N=	basic a
Year Comments: Sources: STI Case manage Prevention Indicator 7: condoms and on partne Year Comments: Sources: STI Case manage Prevention Indicator 6:	ement (couns Proportion of er notification.	/philis. Area elled) people prese Area	enting with STI or	Age for STI care	Ra in health fa	acilities v	N= vho received N=	basic a

Comments: Sources:

Health service indicators

HIV prevention strategies depend on the twin efforts of care and support for those living with HIV or AIDS, and targeted prevention for all people at risk or vulnerable to the infection. These efforts may range from reaching out to vulnerable communities through large-scale educational campaigns or interpersonal communication; provision of treatment for STIs; distribution of condoms and needles; creating and enabling environment to reduce risky behaviour; providing access to voluntary testing and counselling; home or institutional care for persons with symptomatic HIV infection; and preventing perinatal transmission and transmission through infected needles or blood in health care settings. It is difficult to capture such a large range of activities with one or just a few indicators. However, a set of well-established health care indicators – such as the percentage of a population with access to health care services; the percentage of women covered by antenatal care; or the percentage of immunized children – may help to identify general strengths and weaknesses of health systems. Specific indicators, such as access to testing and blood screening for HIV, help to measure the capacity of health services to respond to HIV/AIDS – related issues.

□ Access to health care

Indicators	Year	Estimate	Source
% of population with access to health services – total:			
% of population with access to health services – urban:			
% of population with access to health services – rural:			
Contraceptive prevalence rate (%):	1990-1999	57	UNICEF/UNPOP
% of births attended by trained health personnel:	1990-1999	64	UNICEF
% of 1-yr-old children fully immunized – DPT:	1995-1998	85	UNICEF
6 of 1-yr-old children fully immunized – Polio:	1995-1998	83	UNICEF
% of 1-yr-old children fully immunized – Measles:	1995-1998	88	UNICEF
Proportion of blood donations tested:			
% of ANC clinics where HIV testing is available:			
HIV/AIDS Hospital Occupancy Rate (Days):			

Male and female condoms are the only technology available that can prevent sexual transmission of HIV and other STIs. Persons exposing themselves to the risk of sexual transmission of HIV should have consistent access to high quality condoms. AIDS Programmes implement activities to increase both availability of and access to condoms. The two condom availability indicators below are intended to highlight areas of strength and weakness at the beginning and end of the distribution system so that programmatic resources can be directed appropriately to problem areas.

Condom availability (central level) Prevention Indicator 2: Availability of condoms in the country over the last 12 months (central level). Year Area N Rate Comments: Sources: Condom availability (peripheral level) Prevention Indicator 3: Proportion of people who can acquire a condom (peripheral level). Year Area N Rate Comments: Sources:

Knowledge and behaviour

In most countries the HIV epidemic is driven by behaviours (e.g.: multiple sexual partners, intravenous drug use) that expose individuals to the risk of infection. Information on knowledge and on the level and intensity of risk behaviour related to HIV/AIDS is essential in identifying populations most at risk for HIV infection and in better understanding the dynamics of the epidemic. It is also critical information in assessing changes over time as a result of prevention efforts. One of the main goals of the 2nd generation HIV surveillance systems is the promotion of regular behavioural surveys in order to monitor trends in behaviours and target interventions.

□ Kno	wledge of HIV- rel	ated preventive pra	ctices			
Preventio	n Indicator 1: Propo	ortion of people citing	at least two acceptable	ways of pro	otection from HI\	/ infection.
	Year	Area	Age Group	Male	Female	All
Comments: Sources:						
□ Rep	orted non-regular	sexual partnerships	<u> </u>			
Preventio 12 months		ortion of sexually acti	ve people having at leas	st one sex p	artner other thar	a regular partner in the last
	Year	Area	Age Group	Male	Female	All
Comments: Sources:						
		e in risk sex (gen po	p) ting the use of a condo	n during the	most recent inte	ercourse of risk.
	Year	Area	Age Group	Male	Female	All
Comments:						
Sources:						

Knowledge and behaviour

Percentag	e of people who ev	ver used a condom.					
	Year	Area	Age Group	Male	Female	All	
Comments:							
Sources:							
□ <u>Medi</u>	an age at first sex	ual experience					
Median ag	e of people at whic	ch they first had sexu	ial intercourse.				
	Year	Area	Age Group	Male	Female	All	
	1995	All	20-24		20.2		
	1995	All	45-49		17.8		
	Endemain-94. Ju	ılio 1995					
	Endemain-94, Ju	ılio 1995					
Sources:	Endemain-94, Ju						
Sources:	escent pregnancy	!					
Sources:	escent pregnancy	!	or pregnant with their fir	rst child.			
Sources: Adol	escent pregnancy	!	or pregnant with their fir Age Group	rst child.	Rate	N	
Sources:	escent pregnancy	! 19 who are mothers		rst child.	Rate	N	
Sources: Adol Percentag	escent pregnancy	! 19 who are mothers		est child.	Rate	N	
Adol Percentag Comments:	escent pregnancy	! 19 who are mothers		est child.	Rate	N	
Adol Percentag Comments: Sources:	escent pregnancy e of teenagers 15- Year	! 19 who are mothers	Age Group	st child.	Rate	N	
Adol Percentag Comments: Sources:	escent pregnancy e of teenagers 15- Year	/ 19 who are mothers Area	Age Group	est child.	Rate	N	
Adol Percentag Comments: Sources:	escent pregnancy e of teenagers 15- Year	/ 19 who are mothers Area	Age Group	est child.	Rate	N N	
Adol Percentag Comments: Sources:	escent pregnancy e of teenagers 15- Year ortion of people e	/_ 19 who are mothers Area	Age Group	est child.			
Adol Percentag Comments: Sources: Prop	escent pregnancy e of teenagers 15- Year ortion of people e	/_ 19 who are mothers Area	Age Group	est child.			
Adol Percentag Comments: Sources: Prop	escent pregnancy e of teenagers 15- Year ortion of people e	/_ 19 who are mothers Area	Age Group	est child.			
Percentag Comments: Sources:	escent pregnancy e of teenagers 15- Year ortion of people e	/_ 19 who are mothers Area	Age Group	est child.			
Adol Percentag Comments: Sources: Comments: Sources:	escent pregnancy e of teenagers 15- Year ortion of people e	2. 19 who are mothers Area Ever having had sex	Age Group with same sex Age Group	est child.			
Adol Percentag Comments: Sources: Comments: Sources:	escent pregnancy e of teenagers 15- Year ortion of people e	/_ 19 who are mothers Area	Age Group with same sex Age Group	est child.			
Adol Percentag Comments: Sources: Comments: Sources:	escent pregnancy e of teenagers 15- Year ortion of people e	2. 19 who are mothers Area Ever having had sex	Age Group with same sex Age Group	est child.			

UNAIDS/WHO Epidemiological Fact Sheet

Sources

Data presented in this Epidemiological Fact Sheet come from several different sources, including global, regional and country reports, published documents and articles, posters and presentations at international conferences, and estimates produced by UNAIDS, WHO and other United Nations Agencies. This section contains a list of the more relevant sources used for the preparation of the Fact Sheet. Where available, it also lists selected national Web sites where additional information on HIV/AIDS and STI are presented and regularly updated. However, UNAIDS and WHO do not warrant that the information in these sites is complete and correct and shall not be liable whatsoever for any damages incurred as a result of their use.

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Ministry of Public Health: *Enfermedades de Notificacion obligatoria Inmediata 1999 (Spanish only)* www.msp.gov.ec/epidem.htm

Annex: HIV Surveillance data by site

Comparity Age Major Libran Areas Cuty Age Major Libran Areas Major Libran Areas Major Libran Areas Cuty Age Major Libran Areas Major Libran A																		
Prognant voman Cutaide Major Urban Areas 1894			Cuovaguil	1984 19	985 1986	1987	1988	1989	1990	1991		1993	1994	1995	1996	1997	1998	1999
Company Comp	Pregnant women	Major Urban Areas	Guayaquii								0.3							
Company Comp																		
Company Comp																		
Sex workers Major Urban Areas Cultide	Pregnant women	Outside Major Urban Areas																
Sex workers Major Urban Areas Cultide																		
Sex workers Major Urban Areas Cultide																		
Sex workers Major Urban Areas Cutto Cuto	Group	Area		1984 19	985 1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Sax workers Quitaide Major Urban Areas Emercialis 1.5 1.		Major Urban Areas	Quito					0	0									
Sex workers Outside Major Urban Areas Exmeraldas							0											
Quinde			Guayaquil															
Quinde																		
St. Domingo Sucumblos Province 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 1999 1999 1999 1999 1999	Sex workers	Outside Major Urban Areas																
Croup Area 1984 1985 1984 1985 1986 1987 1988 1989 1990 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999							0											
Province Province						0												
Injecting drug users Outside Major Urban Areas Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 STI Patients Major Urban Areas Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Blood Donors Major Urban Areas Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Blood Donors Major Urban Areas Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Figure Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Figure Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Figure Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 Figure Figure Figure Area 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999												U						
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		National																